

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080725\
 Data File : VL042830.D
 Acq On : 07 Aug 2025 12:39
 Operator : SY/MD
 Sample : CAN 10604
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10604

Quant Time: Aug 08 01:16:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jul 24 05:24:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	2.778	49	157515	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.949	114	394650	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.872	117	339204	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.371	95	256844	9.561	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.600%

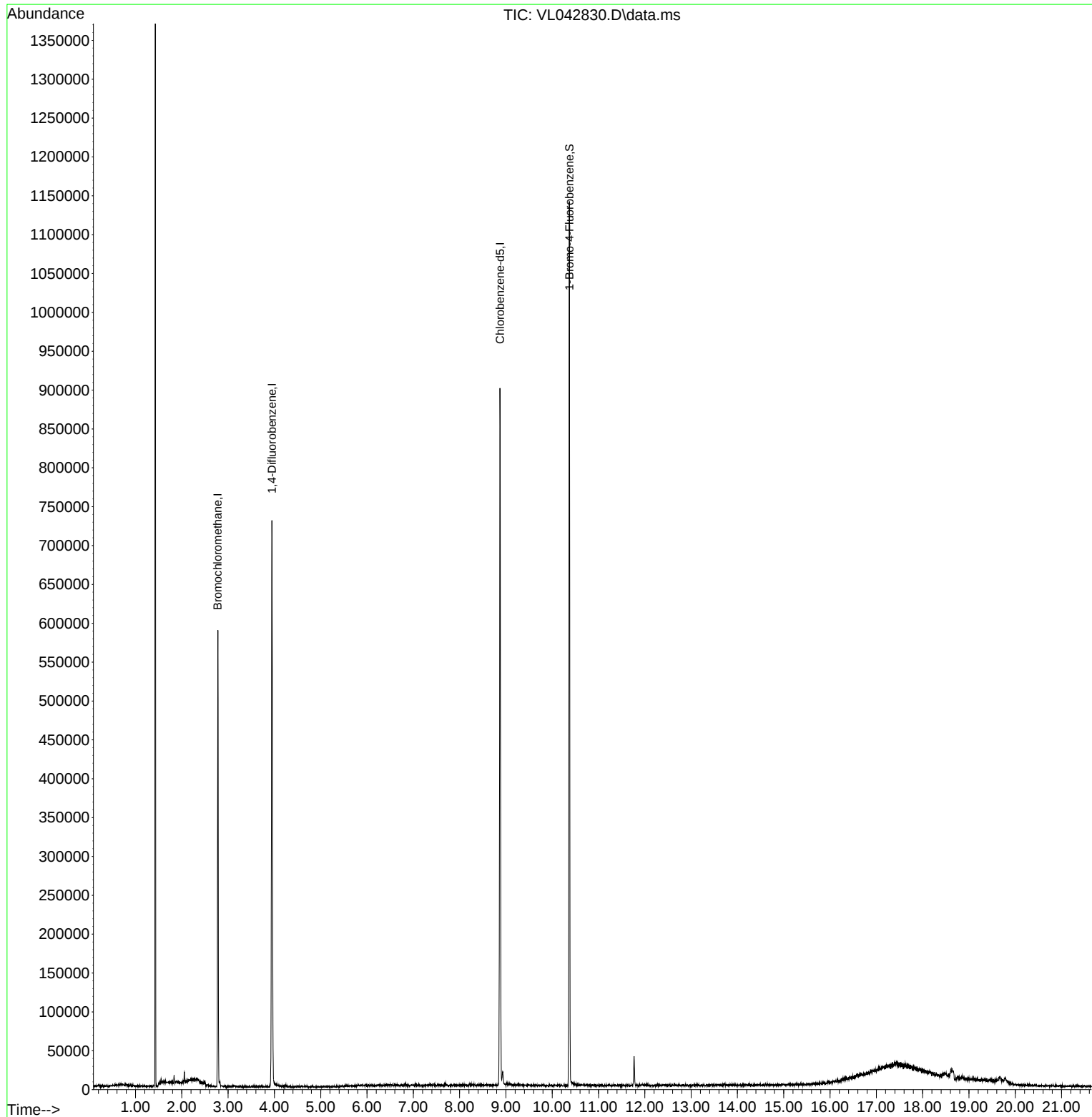
Target Compounds	Qvalue

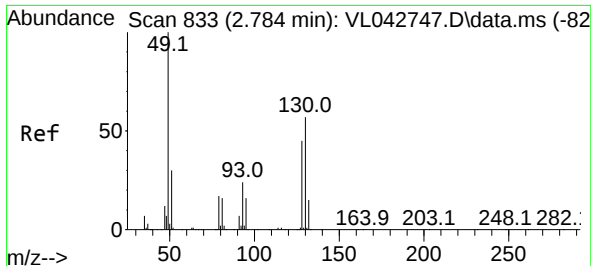
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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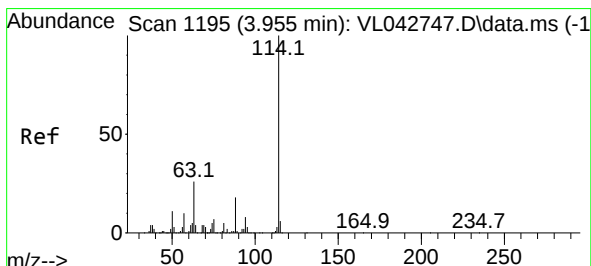
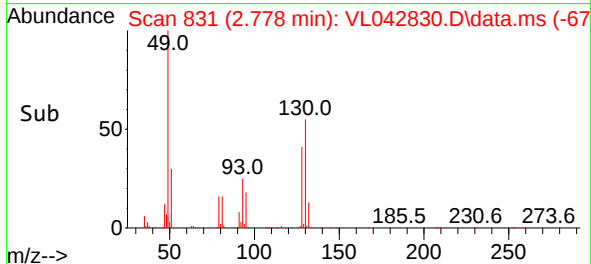
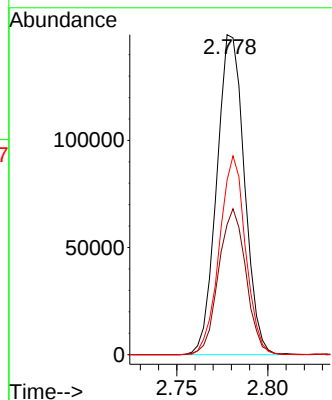
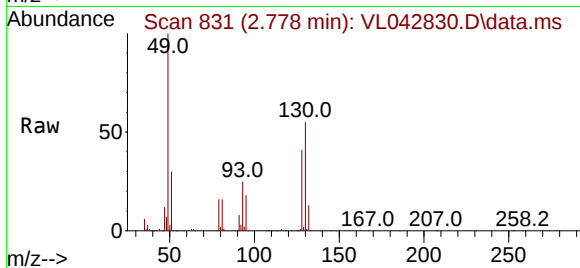




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.778 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: VL042830.D
 Acq: 07 Aug 2025 12:39

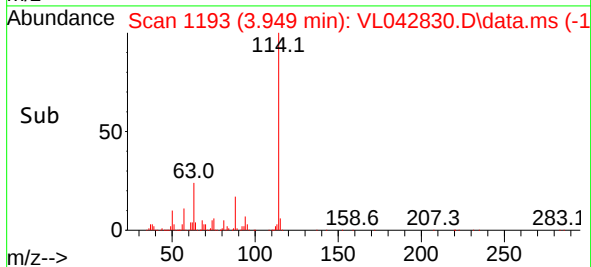
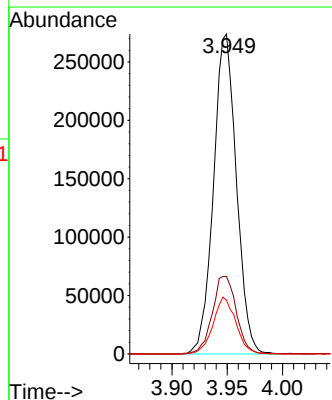
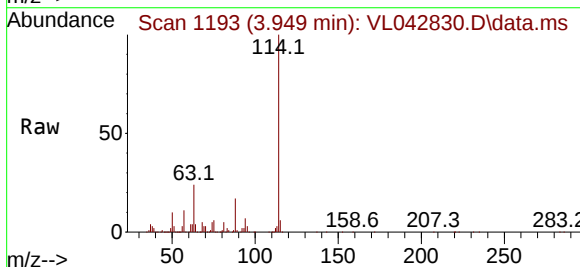
Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10604

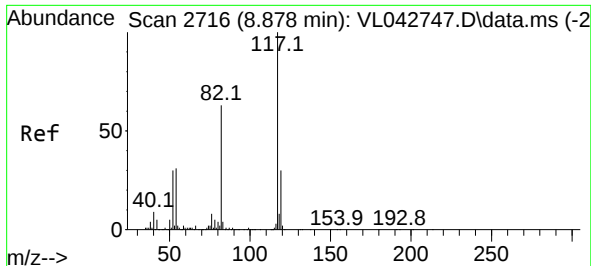
Tgt Ion: 49 Resp: 157515
 Ion Ratio Lower Upper
 49 100
 128 45.2 23.6 71.0
 130 58.8 30.3 90.8



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.949 min Scan# 1193
 Delta R.T. -0.006 min
 Lab File: VL042830.D
 Acq: 07 Aug 2025 12:39

Tgt Ion: 114 Resp: 394650
 Ion Ratio Lower Upper
 114 100
 63 25.4 20.5 30.7
 88 17.6 14.0 21.0

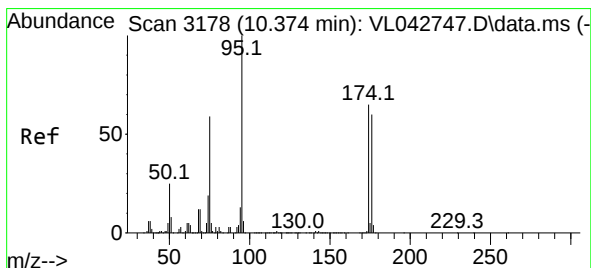
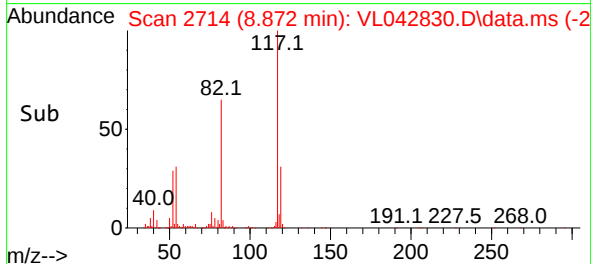
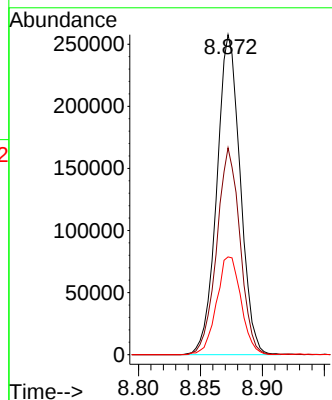
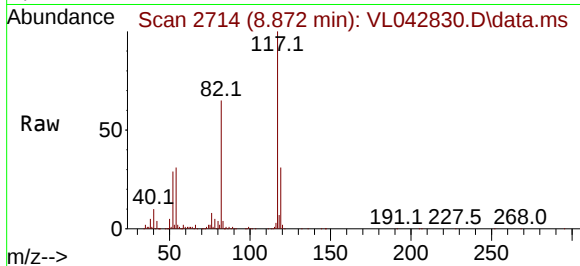




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.872 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL042830.D
Acq: 07 Aug 2025 12:39

Instrument :
MSVOA_L
ClientSampleId :
CAN 10604

Tgt Ion:117 Resp: 339204
Ion Ratio Lower Upper
117 100
82 64.5 53.3 79.9
119 32.0 25.8 38.6



#68
1-Bromo-4-Fluorobenzene
Concen: 9.561 ppbv
RT: 10.371 min Scan# 3177
Delta R.T. -0.003 min
Lab File: VL042830.D
Acq: 07 Aug 2025 12:39

Tgt Ion: 95 Resp: 256844
Ion Ratio Lower Upper
95 100
174 65.9 53.8 80.6
175 4.8 4.0 6.0

